

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/001027

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B65B7/16 B65B9/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B65B A61J A61B B29C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/014313 A1 (GREEN ROBERT ET AL) 7 February 2002 (2002-02-07) paragraph '0052! - paragraph '0053!; figures 9,10 ---	1-27
X	GB 1 564 720 A (MULTIVAC SEPP HAGENMULLER KG) 10 April 1980 (1980-04-10) ---	1-3,6, 12-16, 19-23, 26,27 24,25
Y	page 2, line 36 -page 3, line 10; figure 1 ---	24,25
Y	DE 101 14 201 A (ENTERLINE CO LTD) 27 September 2001 (2001-09-27) ---	1-27
A	column 3, line 65 -column 4, line 12; figures 1-4 --- -/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

9 June 2004

Date of mailing of the international search report

22/06/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	FR 1 541 225 A (ORGANON NV) 4 October 1968 (1968-10-04) the whole document ----	1-27
A	GB 2 086 855 A (STERWIN AG) 19 May 1982 (1982-05-19) the whole document ----	1-27
A	DE 43 24 771 A (GEBHARDT KARL MARTIN) 18 August 1994 (1994-08-18) the whole document ----	1-27
A	US 4 798 638 A (MARBACH PHILIP J) 17 January 1989 (1989-01-17) the whole document -----	1-27

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☒ Claims Nos.: 28-30
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.2

Claims Nos.: 28-30

Claims 28-30 contain references to the description or the drawings. According to Rule 6.2(a) PCT, claims should not contain such references except where absolutely necessary, which is not the case here.

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 2002014313	A1	07-02-2002	US	6287414 B1	11-09-2001
GB 1564720	A	10-04-1980	DE	7606434 U1	06-10-1977
			AT	372347 B	26-09-1983
			AT	881576 A	15-01-1981
			BE	848929 A1	16-03-1977
			DK	529076 A ,B,	04-09-1977
			FR	2342899 A1	30-09-1977
			US	4167092 A	11-09-1979
DE 10114201	A	27-09-2001	DE	10114201 A1	27-09-2001
FR 1541225	A	04-10-1968	NL	6613948 A	05-04-1968
			AT	284349 B	10-09-1970
			BE	704648 A	04-04-1968
			CH	482595 A	15-12-1969
			DK	115568 B	20-10-1969
			ES	143765 Y	16-02-1970
			FI	48800 B	30-09-1974
			IL	28601 A	19-07-1970
			NL	137175 C	
			US	3433352 A	18-03-1969
GB 2086855	A	19-05-1982	NONE		
DE 4324771	A	18-08-1994	DE	9301625 U1	17-06-1993
			DE	4324771 A1	18-08-1994
US 4798638	A	17-01-1989	NONE		